

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of ) Attorney Docket No.: **SUGI0166**  
Tadahiro OHMI et al. ) Confirmation No. Unassigned  
Serial No.: Unassigned )  
Filed: July 20, 2006 )  
For: METHOD FOR WATER ) Date: July 20, 2006  
HAMMERLESS OPENING OF FLUID )  
PASSAGE, AND METHOD FOR )  
SUPPLYING CHEMICAL )  
SOLUTIONS AND DEVICE FOR )  
WATER HAMMERLESS OPENING )  
FOR WHICH THE METHOD IS USED )

**INFORMATION DISCLOSURE STATEMENT**

**MAIL STOP: AMENDMENT**

United States Patent and Trademark Office  
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Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, this Information Disclosure Statement in connection with the above-identified application is being filed in accordance with 37 C.F.R. §1.97(b):

- within three months of the filing date of this application (not a C.P.A.);
- within three months of the date of entry of the National Stage;  
before the mailing date of a first Office Action on the merits; or  
before the mailing of a first Office Action on the merits of, after the filing of a Request for Continued Examination (RCE) under §1.114.

A copy of each non-U.S. document identified on the attached Form PTO/SB/08A is attached.

Listed under Foreign Patent Documents Document 7 relates to VALVE CONTROL DEVICE. Document 8 relates to PID CONTROL METHOD AND ITS CONTROLLER. Document 9 relates to a MOTOR-OPERATED VALVE FOR PREVENTING WATER HUMMER, AND ITS CONTROLLING METHOD. Their relevance is believed to be clear from the present specification. Accordingly, no further comment with regard to the disclosures of these documents is believed to be required.

Listed under Non-Patent Literature Documents Document 2 relates to WATERHAMMER, A COMPLEX PHENOMENON WITH A SIMPLE SOLUTION.

Attached is a copy of the Search Report issued in the corresponding PCT/JP2005/000264 application. Since documents 1-6 cited herein were cited in said Search Report, it is believed that the relevancy of each document cited is clear from the Search Report. Accordingly, no further comment with regard to the disclosures of these documents is believed to be required.

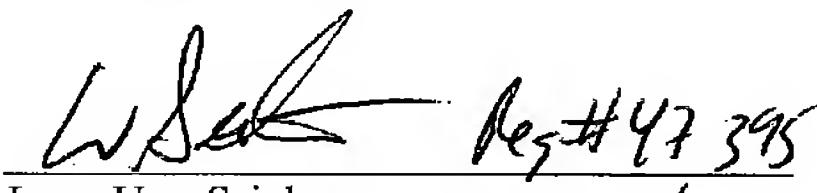
It is respectfully requested that the attached documents be considered and officially cited, and that the Examiner initial a copy of Forms PTO/SB/08A and PTO/SB/08B, and return them to the undersigned to indicate that the documents have been considered.

Attorney Dkt. No. SUGI0166  
Serial No. Unassigned

It is believed that the present Information Disclosure Statement complies with the requirements of 37 C.F.R. §§ 1.97-8, but should the filing of this paper necessitate a fee, the Director is hereby authorized to charge the necessary fee to Deposit Account No. 50-1281.

Respectfully submitted,

*GRiffin & SZIPL, PC*

  
*for* \_\_\_\_\_ Reg# 47395

Joerg-Uwe Szipl  
Registration No. 31,799

GRiffin & SZIPL, PC  
Suite PH-1  
2300 Ninth Street, South  
Arlington, VA 22204

Telephone: (703) 979-5700  
Facsimile: (703) 979-7429  
E-mail: [GandS@szipl.com](mailto:GandS@szipl.com)  
Customer No.: 24203

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	
Filing Date	
First Named Inventor	
Art Unit	
Examiner Name	
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**EXAMINER SIGNATURE**

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

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Application Number	
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First Named Inventor	
Art Unit	
Examiner Name	
Attorney Docket Number	

**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

**OR**

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.  
 Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.  
 None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature		Date (YYYY-MM-DD)	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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